

ABSTRACT OF THE DISCLOSURE

In estimating a traveling speed pattern on the basis of the past traveling data, the present invention aims at making it possible to efficiently estimate the traveling speed pattern without referring to an enormous volume of the past traveling data, and preventing the precision of estimation from deteriorating due to a decrease in the number of the available past data. To achieve this object, a vehicle traveling speed pattern estimation device of the present invention comprises traveling information storing means for storing traveling data and traveling environment data as mutually associated data, candidate traveling speed pattern generating means for generating a candidate traveling speed pattern on the basis of the traveling data, and estimated traveling speed pattern outputting means for extracting a candidate traveling speed pattern matching current traveling environment data and outputting an estimated traveling speed pattern for a route to be followed from now on.